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Phaser® 6300

Phaser® 6350



color printer

Xerox Phaser® 6300/6350 Evaluator Guide



ABOUT THIS GUIDE

This guide will introduce you to the Xerox Phaser 6300 and 6350 Color Laser Printers and help you in your printer evaluation process.

CONTENTS

Section 1

Introducing the Xerox Phaser 6300 and 6350 Color Laser Printers	1
Product Overview	2
Common Features	3
New Features	4

Section 2 – Evaluating Workgroup Color Laser Printers

Suggests specific features to look for in a printer of this class, how to evaluate that feature, and how the Phaser 6300 and 6350 measure up

Printing Performance	6
Ease of Use	7
Shared Resource	12
Cost of Ownership	13
Inside a Single-Pass Laser	14

Section 3

Configuration Summary	15
Upgrades	15
Competitive Comparisons	16
Supplies and Accessories	18
Media Supported	19
Total Satisfaction Services	19
Specifications	20
Print Quality Modes	20
TekColor Corrections	20
Information Sources	21

SECTION 1

Introducing the Xerox Phaser® 6300 and Phaser® 6350 Color Laser Printers

The Phaser® 6300 and Phaser® 6350 are actually two printer families designed specifically for two different user types while delivering high value and great performance to both.



Phaser 6300N

For those who want to move up to business color printing for a low acquisition cost, there is the Phaser 6300 family. The Phaser 6300 printers have outstanding performance. Even at their low purchase price, the legendary Phaser ease-of-use features are still there, making the printers feature rich compared to the competition.

The **Phaser 6300N**, the base model with networking standard, prints at up to 26 ppm in color and 36 ppm black and white, with a fast first page out time as fast as 12 seconds. Since most office printing jobs are 5 pages or less, the Phaser 6300 is often finished with a job while the competition is just getting started.

The **Phaser 6300DN** adds automatic two-sided printing as a standard feature. Two-sided printing not only saves money on paper but also gives a professional appearance to reports, proposals, and anything you want to print to impress.

For those who desire advanced features and larger workgroup capacities, there is the Phaser 6350 family – all with networking, automatic two-sided printing and lower cost-per-page. Users who need maximum speed will prefer the Phaser 6350 printers. With up to 36 ppm in both color and black and white, and a first page out time as fast as 10 seconds, the Phaser 6350 printers leave competitors far behind.



Phaser 6350DX

The **Phaser 6350DP** starts with up to 36 ppm print speed and an FPOT as fast as 10 seconds, and adds high volume features like high-capacity toner cartridges to help lower the cost per page. Maximum duty cycle is also increased to 120K pages per month.

The **Phaser 6350DT** doubles memory to 512MB and adds an additional 550-sheet input tray, increasing the total capacity to 1250-sheets for longer uninterrupted printing.

The **Phaser 6350DX** tops out the Phaser 6350 line with a Productivity Kit that includes a 20 GB hard disk which enables advanced printing features like personal print, secure print, proof print, saved print, extended font storage, and disk collation. The DX also includes 4 input trays for a total input capacity of 1800-sheets.

Product Overview



PHASER 6300N FEATURE SET

Even at the entry level, the Phaser 6300N comes packed with many performance and productivity features standard.

- Up to 36 ppm print speed for black and white printing
- Up to 26 ppm print speed for color printing
- First Page Out as fast as 12 seconds
- 800 MHz Power PC Risk processor
- True Adobe PostScript 3 and PCL5c emulation
- 256 MB of DDR memory (expandable to 1 GB)
- 100,000 page per month duty cycle
- 4k standard toner cartridges
- optional 7k high capacity toner cartridges (6300 printers only)
- Selectable print modes
 - Standard – 1200 x 600 dpi
 - Enhanced – 2400 x 600 dpi
 - Photo – 1200 x 1200 dpi
- 700-sheet input capacity
- 250-sheet output tray capacity
- Wide media variety including paper, transparencies, labels, envelopes, cardstock, business cards and more
- Media weights up to 60 lb (163 gsm) from Trays 2-5 and up to 80 lb (216 gsm) from Tray 1
- Media sizes from postcard – 3.5 x 5.5 in. (90 x 140 mm), to banner – 8.5 x 35.4 in. (220 x 900 mm)
- Printer Management Tools – Xerox CentreWare Internet Services Embedded Web Server, CentreWare Web Administrator, Xerox NDPS Gateway, Xerox Usage Analysis Tool.
- Productivity Tools – PrintingScout automated proactive pop-up help, and PhaserSMART web based interactive troubleshooting
- USB 2.0 and 10/100BaseT Ethernet connections
- 1 year on-site warranty
- Xerox exclusive Total Satisfaction Guarantee

Note: Upgrade from 6300 to 6350 is not available.



PHASER 6300DN FEATURE SET

The Phaser 6300DN comes with all the features of the 6300N plus:

- Automatic duplexing (two-sided printing) for saving paper and creating a more professional appearance for multi-page documents



PHASER 6350DP FEATURE SET

The Phaser 6350DP pumps up some of the 6300DN features:

- Up to 36 ppm color print speed
- First Page Out as fast as 10 seconds
- 120,000 page per month duty cycle
- optional 10k high capacity toner cartridges for the lowest cost-per-page (6350 printers only)



PHASER 6350DT FEATURE SET

The Phaser 6350DT comes with all the features of the 6350DP plus:

- Standard memory increased to 512 MB DDR
- One additional 550-sheet input tray increases total capacity to 1250-sheets



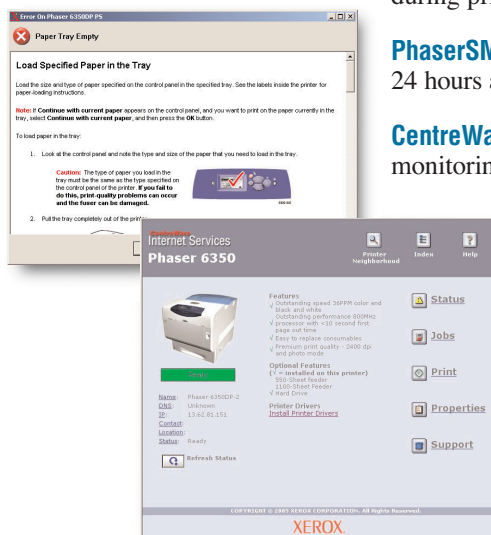
PHASER 6350DX FEATURE SET

The Phaser 6350DX comes with all the features of the 6350DT plus:

- Productivity Kit which includes a 20 GB internal Hard drive
- A second additional 550-sheet input tray increasing total capacity to 1800-sheets

Common Features

Both the Phaser 6300 and Phaser 6350 families continue to provide industry leading features that save time, increase reliability, reduce the cost of printing, or make the printers just plain simple to use. Features like...



PrintingScout – instantly displays pop-up help messages if attention is needed during print jobs. Enhanced and improved in the 6300/6350 families.

PhaserSMART – remote diagnostic tool provides automated internet-based support, 24 hours a day, 7 days a week.

CentreWare IS embedded Web server – browser-based remote monitoring and management features.

Automatic Color Correction – brilliant colors automatically, custom settings easily available.

N-Up Printing – save paper and costs, use for internal reviews or presentation handouts.

Cover Sheets – print the cover of your multi-page job on heavier stock – automatically.

Separation pages – separate multiple sets of multi-page jobs by pulling a cover sheet from a different tray.

AutoFit – automatically fit the file to the selected media size.

Watermarks – automatically print a background on your page such as DRAFT or CONFIDENTIAL.

Job Pipelining – simultaneously print one job while processing the next.

Auto 2-sided printing – save paper costs and present professional looking reports, proposals or anything you want to print to impress. (not available in the 6300N)

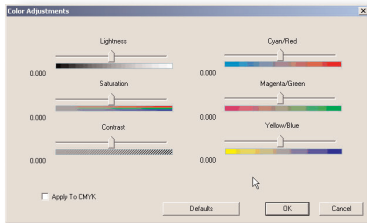
Booklet Printing – be more productive and present a professional appearance, print newsletters, bulletins, flyers and more in booklet format.

Preloaded Toners – when they need to be replaced, just open the see-thru easy access compartment at the top of the printer.

Smart Trays – automatically pulls media from the appropriate tray based on the media size specified by the Microsoft application.

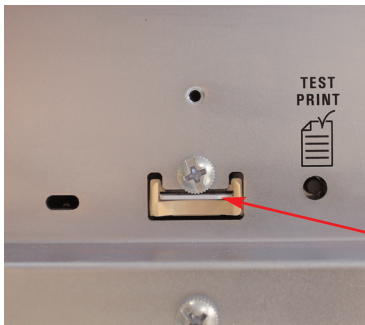
New Features

Both the Phaser 6300 and Phaser 6350 include next generation features inspired by actual users. You talk – Xerox listens



Personal Print – a new job type that processes and stores sent jobs, then prints all jobs together when requested reducing the chance of your output being intermixed with your co-worker's output. Great for users doing web-based research and printing pages one-by-one.

Driver Color Controls – a new set of color controls enabling users to match their color output to the colors on their individual monitors.



Support Centre – a “toolkit” installed with the driver allowing access to all user documentation, tools and utilities.

RAM Collation – multiple sets of multi-page jobs automatically collated in RAM, no hard disk required – saves time and hassle.

Enhanced Configuration Card – Printer settings are saved to the configuration card – allowing all the printer's personality and ID settings to be swapped to a new device for service reasons.

Silent Install and Scriptable Install – allows system administrators to easily and simply install drivers from a centralized, remote location.

Usage Analysis Tool – improved to enable administrators to collect, organize, and analyze job accounting data from multiple users. This is very helpful for calculating chargeback billing or planning optimized printer deployment.

64-bit Microsoft Windows Support - PostScript drivers will be available for Windows Server 2003 64-bit Edition and Windows XP 64-bit Edition Version 2003. X86-compatible processors, such as AMD-64 and Xeon-64, will also be supported.

SECTION 2

Evaluating Workgroup Color Laser Printers

Color laser printers open up a wide range of creative possibilities and cost savings for business professionals. Projects that once had to be outsourced to a costly service bureau can now be produced inexpensively, at the touch of a button. But evaluating which color laser printer is right for your needs can be a challenge. There are many models on the market, all boasting numerous features. Based on over 16 years of research and experience with the real-world needs of color printer users, Xerox Office Group has identified some key issues for you to consider as you undertake your own evaluation of color laser printers.

- **Printing Performance**
- **Ease of Use**
- **Workgroup Sharing**

This section of the Evaluation Guide will look at each of these areas, and suggest ways you can evaluate a printer's performance against that requirement. Do this for all the color laser printers you are considering and you'll see how the Phaser 6300 and Phaser 6350 exceed expectations across the board.



EVALUATE PRINTING PERFORMANCE

High quality color printing cannot come at the expense of productivity — the two must go together. A color printer must be able to handle a wide variety of documents quickly and reliably. A color printer must keep up with the performance demands of a shared network environment.

Measure overall performance.

To accurately measure overall performance in a real workgroup environment, send a mix of black-and-white and color documents of different length and complexity to the printer over a standard Ethernet network. This combines the network transmission time, first page out time, and multi-copy engine speed to paint a clear picture of actual overall performance.

Calculate print job throughput.

Print job throughput is the time it takes from clicking the print button on your computer screen to the final delivery of the color document to the output tray, sometimes called click-to-clunk. Raw print speed is only a part of the total print time; image-processing speed, particularly of large, complex images, can be even more important to maximizing throughput. Test for large, complex images.

Consider color print speed.

Since color printing, rather than black-and-white printing, is the primary use of most color printers, it makes sense to pay attention to the color print speed. Start with the rated engine speed, but be sure to investigate the total color and black-and-white throughput, including image processing speed and first page out time.

THE XEROX ADVANTAGE

HOW THE PHASER 6300 AND PHASER 6350 EXCEED THE PRINTING PERFORMANCE REQUIREMENT:

With print speed up to 26 ppm in color and 36 ppm black and white, the Phaser 6300 printers stand up to the demands of most office workgroups. The Phaser 6350 printers extend color printing up to 36 ppm so there is no speed penalty for being creative and adding color to your documents.

Both the Phaser 6300 and 6350 printers fly through big and complex jobs thanks to a common 800 MHz Power PC Risk Processor. With first page out times as fast as 12 and 10 seconds, both printer families start printing faster than the competition. Printing first, and printing faster means the jobs are done sooner — a real productivity advantage.

Both the Phaser 6300 and 6350 printers handle media weights from 60 to 216 gsm, and sizes from 3.5 x 5.5 in. to 8.5 x 35.45 in. as well as all common office envelopes, labels, business cards, glossy media, and card stock. And an input capacity of up to 2350-sheets assures the office of more uninterrupted printing

EVALUATE EASE OF USE

The best way to evaluate a printer's ease of use is to use it in a real environment over an extended period of time. But even without that opportunity, the following questions can help uncover a printer's true start-up and day-to-day productivity potential:

How easy is it to install on the network?

How easy is it to learn to use and manage?

Does it offer easy control both over the network and from its front panel?

How easy is it to replace consumables? Is it difficult to access them?

Is it easy to check the consumable status before committing to a large or important print job?

Also, consider what tools are provided to help manage multiple printers in a network.

**THE XEROX
ADVANTAGE**

HOW THE PHASER 6300 AND PHASER 6350 EXCEED THE EASE OF USE REQUIREMENT:

Installation

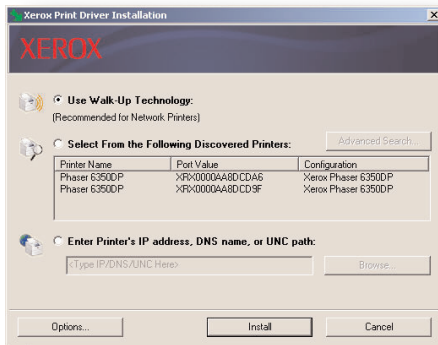
The Phaser 6300/6350 driver installation process is designed to provide an easy and consistent installation process from all software sources, regardless of platform. Features include:

- Automatic discovery of the printer on your network
- Automatic port creation
- Automatic printer model and feature detection
- Automatic driver installation
- Automatic IP address assignment

Install From the Web technology is used for the distribution of software from any of the following sources:

- Product CD
- The printer itself
- CentreWare IS Embedded Web Server
- Xerox Web Site

And with pre-installed toners, the only consumable to install is the all-in-one imaging unit.



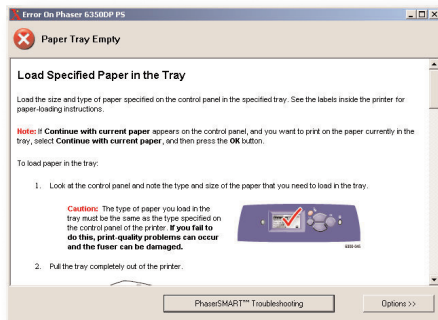
The Use Walk-Up Technology selection is the default, and is recommended for network printers. Simply click Next and the program directs you to go to the printer you want to install and select Use Walk-Up Technology from the front panel. From that point, the installation proceeds automatically and the printer prints an installation confirmation page. Back at your computer you are asked to register your printer either now or later. That's it. All automatic. The easiest network printer installation in the industry.

For larger installations, the IT department can simply send an email to end-users with a link to the Install from Web feature. Users simply follow the link to the same simple installation process and they're ready to print

Operation

The following points highlight the main features of the printer. Notice the minimum number of doors; and the doors the printer does have open either forward or up, not out to the side. The printer has no rear access doors because no printing function requires them.

All Phaser 6300 and 6350 printers come with **Intelligent Ready**. No need to turn off the printer. Intelligent Ready software tracks when and how the printer is used over a rolling 3-week period. Then the printer automatically places itself in standby power-saving modes during periods of non-use. The printer will automatically return to its Ready mode, just prior to an expected use period, avoiding any warm-up time and minimizing power usage in periods of non-use.



PrintingScout

When you send a document to the Phaser 6300 or 6350, our exclusive PrintingScout monitors and reports any printer condition that can prevent a print job from completing successfully. A pop-up Help window provides appropriate how-to instructions, illustrations, and links to help end users quickly identify and resolve their own printing problems. This way, you'll go to the printer completely prepared — no surprises. And no other printer on the market can do this.

Automatic Notification

What would be better than knowing if your printer needs help before you print? How about avoiding the problem altogether. MailinX can automatically send an e-mail to a specified person when a printer needs supplies or maintenance. So the printer is always ready.



Toners

Installing toner is quick and clean. Simply lift off the translucent cover, unlock and replace the toner cartridge, remove the seal, and replace the cover. Even someone unfamiliar with the printer can see where the toners go and follow the simple instructions.

Routine Maintenance Items

The transfer roller, fuser and all-in-one imaging unit are just as easily accessed through the front cover of the printer. Both the imaging unit and transfer roller last up to 35,000 prints, and the fuser up to 100,000 prints. Replacement of any of them takes less than a minute, and doesn't require a technician.

Front Panel

The large high-contrast control panel display is simple and intuitive, and it's backlit for comfortable viewing. A list of help topics is available at the main menu. Pressing the "?" button pops up a contextual help message to explain whatever menu function or message is being displayed.



All Phaser-series printers provide detailed information about consumable usage through the front panel and via email notification so users can anticipate when an intervention may be needed.

Media Flexibility

You'll always print on the media you expect thanks to the Smart Tray technology. The driver knows what's loaded in the printer trays, and what your Microsoft application is set for, then matches them perfectly. If the application requires media that is not currently loaded, the user will get a PrintingScout warning rather than their job printed on the wrong media.



Phaser 6350DX with optional extra paper tray

Automated Support

Both the Phaser 6300 and 6350 include Xerox exclusive PhaserSMART, an automated, internet-based, support and service delivery tool. This tool leverages information from the user's own printer to diagnose and deliver customer self-support solutions. Available 24/7, support for your printer is only a mouse click away. And of course, both the Phaser 6300 and Phaser 6350 are covered by a 1-year on-site warranty and the Xerox Total Satisfaction Guarantee

Personal Print

Personal Print is a new job type that processes and stores sent jobs on the printer's optional hard drive (std. on 6350DX), and then prints all a user's jobs together when requested. Great for users doing web based research and printing pages one by one. Any number of print jobs could be sent to a user's Personal Jobs folder on the printer (subject to disk space availability).

Support Centre

The Support Centre toolbox is automatically installed as a part of the driver installation. The toolkit is a simple help utility that provides easy access to all user documentation, tools, and utilities that are bundled with the printer (either on the CD or via links to the Xerox web site).

Driver Color Control

A set of new color controls is provided to improve color matching to a user's computer monitor. This is primarily an issue for users who change their brightness, contrast, and saturation settings on their monitors.

RAM Collation

Multiple sets of multi-page documents are now collated electronically providing distribution ready output and saving time.

Ease-of-Use extends beyond the individual user or immediate workgroup. IT departments will appreciate the extensive remote management capabilities for the Phaser 6300/6350 color printers.

CentreWare IS Embedded Web Server

The printer's built-in CentreWare IS Embedded Web Server is a web site inside the printer. It allows users to check the printer's status, job accounting, troubleshooting and more, using a web browser such as Microsoft Internet Explorer or Netscape Navigator. Users only need the printer's IP address to connect to the printer.

Management Tools

The Advanced Network Management Tools CD shipped with the printer includes:

- CentreWare MMC — (Microsoft Management Console) allows seamless installation, configuration and status monitoring of Xerox network printers in the Windows 2000 environment.
- CentreWare for UNIX — provides enhanced printing and management capabilities for UNIX (Linux) environments. CentreWare for UNIX will auto-load for UNIX customers.
- NDPS Gateway — allows you to use Novell Distributed Print Services (NDPS)/Novell Enterprise Print Services (NEPS) with Xerox printers. Included is a set of NetWare modules and administrative tools that snap into NW Admin.
- Multiple Printer Installation Tool — allows system administrators to copy settings from one printer to many across the network.
- Usage Analysis Tool — provides detailed cost tracking for Phaser printers. Every job is logged and cost for each page is based on actual ink or toner coverage, and your actual prices for supplies.
- Font Download Tool — manages your printer fonts from an easy to use Windows application.
- User Manuals — advanced user manuals provided in .pdf format.
- Technical Support Link — provides the latest printer information, software updates and printing technical support.

CentreWare Web Printer Management

CentreWare Web is designed to provide enterprise management solutions for all devices connected to your network – not just Xerox. Install, troubleshoot, configure, and produce asset reports for all of your devices. Simply install CentreWare Web on MS Windows 2000 or NT 4 servers and gain access from anywhere on your network through any standard web browser.

Key Advantages:

- When the system administrator enters the tool they will automatically see all of the printers in error state rather than searching for them – saves time.
- Conduct installation, configuration, and troubleshooting on up to 25 printers simultaneously – saves time.
- Install, configure, troubleshoot, and generate reports for all products, Xerox as well as others, with this tool so that you only need one tool for all of your management needs.
- Clone printer configurations to other printers rather than taking the time to set up the printer configurations one at a time.
- Produce asset reports, error history reports, status reports, and accounting reports from all of your devices and have them e-mailed to key recipients.
- To save time, Intuitive Wizards will guide you through infrequently performed tasks such as upgrading printer firmware, cloning device configurations, installing multiple printers, and other tasks.

EVALUATE WORKGROUP SHARING

No matter how powerful and easy-to-use a printer is, it must also be considered a shared resource in today's busy business environment.

Consider the network capabilities and network installation process.

Is an IT specialist required to get the printer up and running on the network?

Consider processing power, memory and print speed.

Does the printer have sufficient power to process and store multiple jobs simultaneously?

Consider capacities.

Does the printer have large consumable capacities to support continuous operation and minimize downtime? Are there multiple input sources to support the varied needs of different users?

Consider usage tracking.

Can the printer keep track and report usage information for accounting purposes?

Consider cost.

Does the printer support a large workgroup so capital costs and operating expenses can be kept low on a cost per user basis?

THE XEROX ADVANTAGE

HOW THE PHASER 6300 AND PHASER 6350 EXCEED THE WORKGROUP SHARING REQUIREMENT:

The Phaser 6300/6350 families of color printers were designed specifically to be shared. Built tough, they have the rugged reliability to pump out up to 100,000 pages per month (120,000 for the 6350 printers) in support of a busy workgroup.

Simple network installation is a Phaser printer hallmark. Just a few mouse clicks and the rest is automatic. Your new printer will be ready to support all network users in a matter of minutes. No IT support is required. In the case of a large enterprise wide roll out of new printers, the IT department can send an automatic install link to all users on the network and installation will be just as simple.

Both the Phaser 6300 and 6350 printer families are built on an 800 MHz Power PC processor so they handle even complex jobs with ease. Up to 1 GB of memory and a 20 GB hard drive (standard on the 6350DX) helps keep multiple jobs moving through the print queue fast.

With up to 2350-sheet input capacity from five different sources, the Phaser 6300/6350 printers are ready to handle both the volume and variety associated with a busy workgroup.

An enhanced Usage Analysis Tool (UAT) enables administrators to collect, organize, and analyze job accounting data from multiple printers. It is often used to roll-up usage statistics by individual user or group in order to calculate charge-back billing or to plan for optimized printer deployment.

PostScript drivers will be available for Windows Server 2003 64-bit Edition and Windows XP 64-bit Edition Version 2003. X86-compatible processors, such as AMD-64 and Xeon-64, will also be supported.

Total Cost of Ownership

Real Costs

The Phaser 6300N provides an entry point into professional color printing for the office at just \$1,299 (ERP). When loaded with 6300-family high capacity toners (7k capacity), the 6300N and 6300DN produce quality full color output at a cost of \$0.106 (based on an average 5% coverage and includes toner and imaging unit).

The Phaser 6350DP is the entry level to the 6350-family of printers and has an ERP of just \$1,799. When loaded with 6350-family high capacity toners (10k capacity), the 6350DP, 6350DT and 6350DX produce high quality full color output for just \$0.094 (based on an average 5% coverage and includes toner and imaging unit).

Save Time – Save Money

Bringing color printing in-house also saves time and money, and the extensive suite of color tools in the Phaser 6300 and 6350 printers help to get it right the first time, avoiding multiple reprints. With a first-page-out time as low as 10 seconds in color and a print speed up to 36 ppm, there is no costly wasted time waiting around for the printer to deliver. Also note that the Phaser 6300 and 6350 have duty cycles of 100,000 and 120,000 color prints per month respectively. This level of productivity goes straight to the bottom line.

The Phaser 6300 and 6350 Color Laser Printers are engineered to require a minimum of user interventions. All of the user access is performed from the front or the top, unlike some printers requiring access to the rear of the printer to change some consumables or remove jams. The toner cartridges are easy to handle and easy to install into keyed slots in the top of the printer. Less time spent taking care of the printer means more time printing.

Inside a Single-Pass Laser

How it Works

To create a four-color image in a single pass, four laser beams representing each of the four color separations charge their respective imaging drums. The drums are then developed with toner.

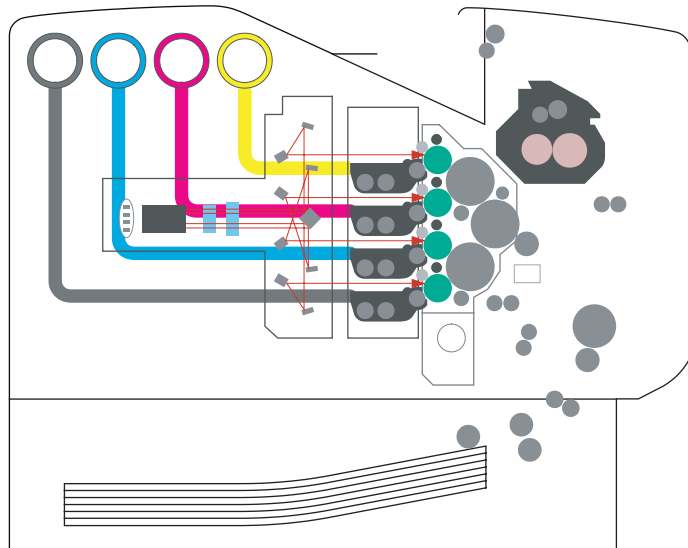
The Yellow and Magenta drums transfer their images simultaneously to an intermediate transfer roller. The Cyan and Black drums are simultaneously transferring their images to a different intermediate transfer roller.

The Yellow/Magenta and Cyan/Black color toner images are then combined on the second intermediate transfer drum, where the final image is transferred to the paper, then fused by heat and pressure.

Why it's Better

The oil-less chemical toners used in the Phaser 6300 and 6350 printers adhere to the surface of the page rather than soaking into the paper, increasing the intensity of the color.

The Constant Current Transfer (CCT) technology provides enhanced image transfer on a wide variety of media, ensuring the best quality. The simple paper path and dual paper pick mechanism help to insure the lowest paper jam rate in the industry. And the internal duplexing capability (two-sided printing) is the same proven and reliable design used in the previous generations of Phaser printers.



Section 3

CONFIGURATION SUMMARY



FEATURE	PHASER 6300N	PHASER 6300DN	PHASER 6350DP	PHASER 6350DT	PHASER 6350DX
Print Speeds	Up to 26 ppm color, 36 ppm B&W		Up to 36 ppm color and B&W		
First Page Out Time	As fast as 12 seconds		As fast as 10 seconds		
Memory (std/max)	256 MB/1 GB			512 MB/1 GB	
Internal Hard Disk – 20 GB	optional				Standard
Resolution	1200 x 600 Std., 2400 x 600 Enhanced, 1200 x 1200 Photo Mode				
Connectivity	USB 2.0, 10/100BaseT Ethernet				
Automatic Duplexing (two-sided printing)	Not Available	Standard			
Input (#trays/#sheets) • standard • maximum	2/700 5/2350			3/1250 5/2350	4/1800 5/2350
Output	250				
Media Weights	Tray 1 (MPT): 17 lb – 80 lb (65 gsm – 216 gsm) Tray 2 - 5: 17 lb – 60 lb (65 gsm –163 gsm)				
Media Sizes	Letter: 8.5 x 11 in (215.9 x 279.4 mm) Legal 13 in: 8.5 x 13 in (215.9 x 330.2 mm) Legal 14 in: 8.5 x 14 in (215.9 x 355.6 mm) Executive: 7.25 x 10.5 in. (184.2 x 266.7 mm) A4: 8.27 x 11.7 in. (210 x 298 mm) A5: 5.83 x 8.27 in. (148 x 210 mm) B5 JIS: 7.17 x 10.1 in. (182 x 257 mm) Custom Sizes from 3.5 x 5.5 in. up to 8.5 x 35.4 in.				
Color Control	TekColor™ Dynamic Color Correction profiles: Automatic: Adjusts color of photos, graphics and text automatically for best results Office Color: None, sRGB Display, sRGB Vivid Press Match: Commercial, Euroscale, SWOP®, SNAP				
Color Standards	PANTONE®-approved solid color simulation, Adobe PostScript device-independent color, CIE international color standards, support for ICC and Apple ColorSync color management systems				
Print Drivers	Windows 98SE, Windows Me, Windows NT 4.0(SP6), Windows 2000/XP, Windows server 2003, EtherTalk, USB, and Apple (OS 9.1, X, ver. 10.2 and higher), Linux: Red Hat 9, Suse 9, Fedora Core 1, Sun Solaris 2.8, 2.9, 2.10, HP/UX, 11.x, IBM AIX 4.3.3, Novell Netware 5.x, 6.5				
Conservation	Intelligent Ready warm-up mode. Based on usage tracking, the printer automatically returns to Ready mode just prior to anticipated use periods. ENERGY STAR qualified.				
Productivity Tools	MailLinX – notifies up to 3 groups of people via email when the printer generates an alert such as low toner RIP-while-printing – processes multiple jobs concurrently Remote Printing – enables users to print directly to any Phaser printer either by IPX on a TCP/IP network or via email – making document sharing easier PrintingScout – provides instant pop-up help if printing problems arise PhaserSMART – provides access to Web-based knowledge base for interactive troubleshooting				
Printer/Job Management	CentreWare IS, Usage Profile, Job-accounting, MailLinX, Collation Printing				
Service/Support	1 year on-site warranty, PhaserSMART, online web technical support, and toll-free telephone support. Innovative service offerings include optional extended Service Agreements and custom training for internal Help Desk. The Phaser 6300 and 6350 printers are backed by the Xerox Total Satisfaction Guarantee.				

UPGRADES

The Phaser 6300 and 6350 families of printers have been optimized to bring you a low purchase price and low cost per print respectively. No upgrade path is available between the 6300 and the 6350.

Only memory, the Productivity Kit, and number of input trays can be added within each family.

COMPETITIVE COMPARISONS

FEATURE	PHASER 6300N	HP 4610n	LEXMARK C760n	KONICA MINOLTA 5440DL
Price*	\$1299	\$1199	\$1299	\$1299
COLOR PERFORMANCE				
Speed	Up to 26 ppm color, 36 ppm B/W	22 ppm color and B/W	25 ppm color and B/W	27 ppm color and B/W
First Page Out	As fast as 12 seconds	15 seconds	Less than 15 seconds color, Less than 13 seconds B/W	14.1 seconds
Technology	Single-pass Color Laser	Single-pass Color Laser	Single-pass Color Laser	Single-pass Color Laser
Processor	800 MHz Power PC	533 MHz	600 MHz	200 MHz
Language Support	Adobe PostScript 3, PCL5c emulation, 137 fonts	PCL 6, PCL 5c, PostScript 3 emulation	PCL6 emulation, PostScript 3 emulation	GDI
Memory	<i>Base:</i> 256 MB <i>Max:</i> 1 GB	<i>Base:</i> 160 MB <i>Max:</i> 160 MB	<i>Base:</i> 128 MB <i>Max:</i> 512 MB	<i>Base:</i> 64 MB <i>Max:</i> 576 MB
Hard Disk	20 GB optional	N/A	N/A	N/A
Duty Cycle	Up to 100,000/mo	85,000/mo	70,000/mo	60,000/mo
Resolution (dpi)	1200 x 600 Std. 2400 x 600 Enhanced 1200 x 1200 Photo	600 x 600	1200 x 1200	2400 x 600
Color Controls	Automatic, TekColor™, ColorSync / ICM, and Pantone	Automatic, ColorSync / ICM, and Pantone	Automatic, ColorSync / ICM, and Pantone	Automatic, ColorSync / ICM, and Pantone
PAPER HANDLING				
Paper Input	<i>Standard:</i> 550-sheet tray plus 150-sheet MPT (tray 1). <i>Max:</i> 2350-sheet	<i>Standard:</i> 500-sheet tray, plus 100-sheet MPT. <i>Max:</i> 850-sheet	<i>Standard:</i> 500-sheet tray, plus 100-sheet MPT. <i>Max:</i> 1100-sheet	<i>Standard:</i> 500-sheet tray, plus 100-sheet MPT. <i>Max:</i> 1600-sheet
Paper Output	250-sheet	175-sheet	250-sheet	
Duplex	Automatic standard on the 6300DN	Manual only	Standard on the dn model - \$600 more.	Optional
Media Types	Paper, transparencies, labels, envelopes, card stock, glossy, business cards, CD inserts, CD/DVD labels, digital photo paper, and weatherproof paper	Paper, (plain, glossy, recycled), envelopes, transparencies, labels, card stock	Card stock, envelopes glossy paper, labels, plain paper, transparencies, outdoor media, banner paper	Plain and laser paper, transparency, envelopes, laser-quality labels, glossy stock up to 110 lb. index
Media Weights	17 lb. Bond to 80 lb. Cover, 110 lb. Index (65 to 216 gsm)	60 to 200 gsm	60 to 216 gsm	60 to 210 gsm
NETWORK FEATURES				
Network Interfaces	USB 2.0 and 10/100BaseTX Ethernet	Parallel, USB 1.1, 10/100BaseTX Ethernet	Parallel, USB 2.0, 10/100BaseT Ethernet	USB 2.0 and 10/100BaseTX Ethernet
Embedded Web Server	CentreWare Internet Services (no additional installation req.)	HP Embedded Web Server	Markvision	PageScope Web connection
Proactive Help Tools	PrintingScout, PhaserSMART™, MailLinX, Support Centre	HP Toolbox	Markvision Messenger, Markvision Professional	Status Display (Windows only), compatible with PageScope Netcare and HP WebJetAdmin
OTHER FEATURES				
Warranty	1 year on-site + options to extend (includes Xerox Total Satisfaction Guarantee)	1 year on-site + options to extend	1 year on-site + options to extend	1 year exchange + options to extend

FEATURE	PHASER 6350DP	HP 4650n	LEXMARK C762n	KONICA MINOLTA 5450DL
Price*	\$1799	\$2099	\$2099	\$1799
COLOR PERFORMANCE				
Speed	Up to 36 ppm color and B/W	22 ppm color and B/W	25 ppm color and B/W	27 ppm color and B/W
First Page Out	As fast as 10 seconds	15 seconds	Less than 15 seconds color, Less than 13 seconds B/W	14.1 seconds
Technology	Single-pass Color Laser	Single-pass Color Laser	Single-pass Color Laser	Single-pass Color Laser
Processor	800 MHz Power PC	533 MHz	600 MHz	667 MHz
Language Support	Adobe PostScript 3, PCL5c emulation, 137 fonts	PCL 6, PCL 5c, PostScript 3 emulation	PCL6 emulation, PostScript 3 emulation	PCL 5c emulation, PCL6 emulation, PostScript 3 emulation
Memory	<i>Base:</i> 512 MB <i>Max:</i> 1 GB	<i>Base:</i> 160 MB <i>Max:</i> 544 MB	<i>Base:</i> 128 MB <i>Max:</i> 512 MB	<i>Base:</i> 256 MB <i>Max:</i> 1024 MB
Hard Disk	20 GB optional	20 GB optional	20 GB optional	40 GB optional
Duty Cycle	Up to 120,000/mo	85,000/mo	100,000/mo	60,000/mo
Resolution (dpi)	1200 x 600 Std. 2400 x 600 Enhanced 1200 x 1200 Photo	600 x 600	1200 x 1200	9600 x 600
Color Controls	Automatic, TekColor™, ColorSync / ICM, and Pantone	Automatic, ColorSync / ICM, and Pantone	Automatic, ColorSync / ICM, and Pantone	Automatic, ColorSync / ICM, and Pantone
PAPER HANDLING				
Paper Input	<i>Standard:</i> 550-sheet tray plus 150-sheet MPT (tray 1). <i>Max:</i> 2350-sheet	<i>Standard:</i> 250-sheet tray, plus 100-sheet MPT. <i>Max:</i> 850-sheet	<i>Standard:</i> 500-sheet tray, plus 100-sheet MPT. <i>Max:</i> 3100-sheet	<i>Standard:</i> 500-sheet tray, plus 100-sheet MPT. <i>Max:</i> 1600-sheet
Paper Output	250-sheet	175-sheet	250-sheet, <i>Max:</i> 3900-sheet	250-sheet
Duplex	Automatic standard	Optional Automatic	Standard on the dn model - \$600 more.	Optional
Media Types	Paper, transparencies, labels, envelopes, card stock, glossy, business cards, and weatherproof paper	Paper, (plain, glossy, recycled), envelopes, transparencies, labels, card stock	Card stock, envelopes glossy paper, labels, plain paper, transparencies, outdoor media, banner paper	Plain and laser paper, transparency, envelopes, laser-quality labels, glossy stock up to 110 lb. index
Media Weights	17 lb. Bond to 80 lb. Cover, 110 lb. Index (65 to 216 gsm)	60 to 200 gsm	60 to 216 gsm	60 to 210 gsm
NETWORK FEATURES				
Network Interfaces	USB 2.0 and 10/100BaseTX Ethernet	Parallel, USB 1.1, 10/100BaseT Ethernet	Parallel, USB 2.0, 10/100BaseT Ethernet	Parallel, USB 2.0 and 10/100BaseTX Ethernet
Embedded Web Server	CentreWare Internet Services (no additional installation req.)	HP Embedded Web Server	Markvision	PageScope Web Connection
Proactive Help Tools	PrintingScout, PhaserSMART™, MailLinX, Support Centre	HP Toolbox	Markvision Messenger, Markvision Professional	Status Display (Windows only), compatible with PageScope Netcare and HP WebJetAdmin
OTHER FEATURES				
Warranty	1 year on-site + options to extend (includes Xerox Total Satisfaction Guarantee)	1 year on-site + options to extend	1 year on-site + options to extend	1 year exchange + options to extend

* Base ERP

SUPPLIES AND ACCESSORIES

DESCRIPTION	DETAILS	PART NUMBER
Toner Cartridges Xerox Printers and Supplies are Made for Each Other®	For both the Phaser 6300 and 6350: Cyan Standard Capacity (4,000 sheet yield)*	106R01073
	Magenta Standard Capacity (4,000 sheet yield)*	106R01074
	Yellow Standard Capacity (4,000 sheet yield)*	106R01075
	Black Standard Capacity (4,000 sheet yield)*	106R01076
	For the Phaser 6300 only: Cyan High Capacity (7,000 sheet yield)*	106R01082
	Magenta High Capacity (7,000 sheet yield)*	106R01083
	Yellow High Capacity (7,000 sheet yield)*	106R01084
	Black High Capacity (7,000 sheet yield)*	106R01085
	For the Phaser 6350 only: Cyan High Capacity (10,000 sheet yield)*	106R01144
	Magenta High Capacity (10,000 sheet yield)*	106R01145
	Yellow High Capacity (10,000 sheet yield)*	106R01146
	Black High Capacity (10,000 sheet yield)*	106R01147
Imaging Unit	35,000 sheet capacity**	108R00645
Transfer Roller	35,000 sheet capacity***	108R00646
Oil-less Fuser	100,000 sheet capacity**** 110 volt	115R00035
	220 volt	115R00036
Productivity Kit	20 GB hard drive	097S03374
256 MB DDR Memory		097S03381
512 MB DDR Memory		097S03382
Paper Tray	550-sheet feeder	097S03378
	1100-sheet feeder	097S03379

Supported media can be found at: www.xerox.com/office/6300_6350supplies

* Standard-capacity toner cartridge life expectancy is up to 4,000 images on letter-size paper at 5 percent coverage per color. High-capacity toner cartridge life expectancy is up to 7,000 images per color for Phaser 6300 on letter-size paper at 5 percent coverage, and 10,000 images per color for Phaser 6350 on letter-size paper at 5 percent coverage.

**Imaging unit life expectancy is up to 35,000 letter-size pages based on mixed printing.

The following usage patterns may significantly reduce imaging unit life:

- Printing jobs of less than 4 pages
- Higher than 15 percent coverage per color
- Using paper that is larger than letter-size
- Automatic two-sided printing
- Exposing the imaging unit to light for more than 10 minutes

***Transfer roller life expectancy is up to 35,000 letter-size pages based on mixed printing.

The following customer usage patterns may significantly reduce the transfer unit life:

- Excessive opening and closing of Door A
- Printing on transparencies or specialty papers
- Automatic two-sided printing
- Printing with high toner coverage
- Printing more than 2,000 pages in one day
- Printing on poor quality papers
- Not setting paper type correctly on Control Panel

****Fuser life expectancy is up to 100,000 letter-size pages.

The following customer usage patterns may significantly reduce the fuser life:

- Printing large numbers of transparencies or specialty papers
- Printing on certain unsupported papers, especially inkjet papers and inkjet transparencies
- Not setting the paper type correctly on the control panel so that the fuser temperature is not set correctly

MEDIA SUPPORTED

PAPER TYPES	SIZE
Letter	8.5 x 11 in.
Legal	8.5 x 14 in.
Executive	7.25 x 10.5 in.
Statement	5.5 x 8.5 in.
US Folio	8.5 x 13 in.
Custom	from 3.5 x 5.5 in. up to 8.5 x 35.4 in.
A4	210 x 297 mm
A5	148 x 210 mm
B5 JIS	182 x 257 mm
ISO B5	176 x 250 mm

ENVELOPES	SIZE
#10 Commercial	4.12 x 9.5 in.
Monarch	3.875 x 7.5 in.
A7	5.25 x 7.25 in.
Custom	from 3.5 x 5.5 in. up to legal size
DL	110 x 220 mm
C5	162 x 229 mm
C6	114 x 162 mm
B5	176 x 250 mm

WEIGHTS

DESCRIPTION	WEIGHT
Plain Paper	17 to 32 lb. Bond (65 to 130 gsm)
Heavy Plain Paper	22 to 28 lb. Bond (85 to 105 gsm)
Thin Card Stock	36 to 60 lb. Cover (100 to 163 gsm)
Thick Card Stock	59 to 80 lb. Cover (160 to 216 gsm)
Glossy Coated Paper	81 to 110 lb. Book (120 to 163 gsm)

SPECIALTY MEDIA

DESCRIPTION	PRINTING INSTRUCTIONS
Labels	Print from any Tray
Business Cards Greeting Cards	Do not print on label or business card stock after items have been removed from the sheet. Print from MPT tray only.
Envelopes	Up to 10 from Tray 1 (MPT)
Banner	Print from Tray 1 only.

TOTAL SATISFACTION SERVICES



DESCRIPTION	U.S. PART NUMBER	CANADIAN PART NUMBER
Extended On-Site Service (available during first 90 days of product ownership) 2 years additional (for a total of 3 years) 3 years additional (for a total of 4 years)	63XXS3 63XXS4	63XXS3C 63XXS4C
Annual On-Site Service	63XXSA	63XXSAC
Installation (training and driver installation for max of two computers)	A4INST	A4INSTC
Help Desk Service Core Training Product Training for Phaser 6250 Annual Support Subscription	HDCORE HD63XX HDYEAR	HDCORE HD63XX HDYEAR

SPECIFICATIONS

PHYSICAL Printer (6300N, 6300DN, 6350DP) Width: 429 mm (17.2 in.) Depth: 580 mm (23.2) Height: 457 mm (18.3 in.) Weight: 35 kg (77 lb.)	Optional 550-Sheet Feeder (add to above for 6350DT) Width: 429 mm (17.2 in.) Depth: 509 mm (20.4 in.) Height: 130 mm (5.2 in.) Weight: 6.8 kg (15 lb.)	Optional 1100-Sheet High-Capacity Feeder (add to above for 6350DX) Width: 429 mm (17.2 in.) Depth: 509 mm (20.4 in.) Height: 341 mm (13.42 in.) Weight: 21 kg (46.25 lb.)
POWER 110–127 VAC, 50/60 Hz 220–240 VAC, 50/60 Hz ENERGY STAR qualified printer	ENVIRONMENTAL Temperature Storage: 0–35 degrees C 32–95 degrees F Operating: 5–32 degrees C 41–90 degrees F Optimal Print Quality Range: 15–28 degrees C	Relative Humidity Storage: 15% – 85% Operating: 15% – 85% Optimal Print Quality Range: 20% – 70%

PRINT QUALITY MODES

MODE	DESCRIPTION
Automatic	Automatically selects the optimal print-quality mode for the paper type selected. For example, Photo print-quality mode is used when printing on Glossy Paper and Standard print-quality mode is used when printing on Plain Paper. (This setting is only available in the printer driver.)
Standard (default)	High-speed, general-purpose mode for crisp, bright, color prints. Recommended for most office use and quick prints.
Enhanced	High-quality mode for fine lines and detail. Recommended for vibrant, saturated, color prints. Balances printing speed with quality.
Photo	Highest-quality mode for color prints and smoothest light colors. Recommended for photographs, smooth shaded drawings, and vibrant color.

TEKCOLOR® CORRECTIONS

The TekColor correction options provide simulations of different color devices. Automatic is the default correction for general image processing. See the following table to determine what option you want to use.

SELECTION	USE FOR:
Automatic	Applies the best color correction to each graphic element: text, artwork, and photographs.
Office Color	sRGB Display Approximates the colors on a computer display. sRGB Vivid Produces brighter, more saturated colors than sRGB Display.
Press Match	SWOP Press Matches Specifications for Web Offset Publications. Euroscale Matches FOGRA glossy paper specification. Commercial Approximates U.S. commercial press target. SNAP Press Matches Specifications for Newsprint Advertising Production.
None	Applies no color correction. Use with other color management tools, such as ICC (International Color Consortium) profiles, ColorSync, or the PANTONE® Color Chart for your printer.
Black and White	Converts all colors to shades of gray.

INFORMATION SOURCES

Front Panel

The Control Panel offers a suite of tools and information pages to help solve printing problems, media feed and supply issues, and administration problems.

CD ROM

Support Centre toolbox

- User Guide
- Reference Guide
- Setup Guide (poster)
- Quick Reference Guide
- Instructional Videos

Printer drivers and installers (Mac, Windows)

ReadMe release notes

CentreWare Internet Services Help (HTML documentation)

Font Manager Utility

Adobe Type Manager (ATM)

On the Web

Visit www.xerox.com/office for:

- Product, supplies, and service information
- Downloading printer drivers
- Finding your local reseller
- On-line documentation

Visit www.xerox.com/office/support for:

The same troubleshooting knowledge base used by Xerox Customer Support staff to provide the latest technical information on:

- Application issues
- Networking issues
- Printer errors
- Print-quality issues
- Troubleshooting

Visit www.colorconnection.xerox.com for:

- Color resource for tools and information to help you get the most from your color printer
- Interactive tutorials and helpful tips for using your printer and favorite software applications
- Easy access to on-line technical support
- Customized features to meet your individual needs

Phaser® 6300

Phaser® 6350



Questions? Comments? Problems?

**If you have any questions or
issues with your evaluation
printer, please contact your Xerox
sales representative or the Xerox
Office Printing Help Desk at:
1-877-362-6567
(U.S. AND CANADA).
Or visit us on the web at
www.xerox.com/office**



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